

Page 1 of 1

All amounts are calculated in domestic currency.

All Vendors PO ID PO35032 Receipt Dates from 2/13/2017 to 2/13/2017

Total Received Quantity:
Total Qty to Inspect (PO U/M):
Total Reject Quantity:
Total Receipt Value:
Total Balance Due Quantity:

**Castle Metals®**

A. M. Castle & Co.

PACKING SLIP/
CERTIFICATE OF CONFORMANCE

Page 1 of 2

Shipment No:3196039

Ship From: A. M. CASTLE & CO. 2150 ARGENTIA ROAD MISSISSAUGA, ON L5N 2K7 CAN		Sold To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	Ship To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CAN	Deliver To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA
Date Shipped 10-FEB-17	F.O.B. ORIGIN	Freight Terms Prepaid	Carrier MANITOU LIN	BOL No 3196039-2

Shipment Details

Final Destination Branch - TOR

Order No	Line No	Item No	Description
4633516	2	750023.MO	0.2500.PL.7075.T651.ALUMINUM.48.5000.144.5000 CUT 2SIDED TO 6 IN (+ .0620/- .0000 IN) X 84.81 IN (+/- .2500 IN) - ALUMINUM PLATE SAW SPECIFICATIONS: AMS-QQ-A-250/12
Purchase Order No 35032	Part Number	Ordered Qty 2.00 PCS	Invoice Qty 2.00 PCS


Details ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY

ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #S

Email P/s and certs to: clavoie@dartaero.com

END USER: DART AEROSPACE

END USE: COMMERCIAL AIRCRAFT PARTS

Delivery No.	Mill	Heat Number	Mech Id	PCS	Width (IN)	Length (IN)	Shipped Qty(LBS)
120845975	KAISER ALUMINUM	 191839B011		2			26.8281

These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. Government or as otherwise authorized by U.S. law and regulations.

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description.

These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. Government or as otherwise authorized by U.S. law and regulations.

Date Printed: 10-FEB-2017 03:34:53 PM



Castle Metals®

A. M. Castle & Co.

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Page 2 of 2

Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut by the customer cannot be returned for credit.	
Reviewed by Authorized Castle Metals Representative:	
Date:	Name:

SHIPPED FEB 10 2017 *M. Randin*



807-02-14

KAISER ALUMINUM FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

Kaiser Aluminum
Trentwood Works
Spokane, WA 99215-5108
(800) 367-2586

CUSTOMER PO NUMBER: 397667-1		WORK PACKAGE:	CUSTOMER PART NUMBER: 750023		PRODUCT DESCRIPTION: Sawed Plate
KAISER ORDER NUMBER: 1221537	LINE ITEM: 1	SHIP DATE: 10/15/2016	ALLOY: 7075	CLAD: BARE	TEMPER: T651
WEIGHT SHIPPED: 3218 LB	QUANTITY: 18 PCS EST.	B/L NUMBER: 2062991	GAUGE: 0.2500 IN	WIDTH: 48.500 IN	LENGTH: 144.500 IN
SHIP TO: A M CASTLE & CO 14001 ORANGE AVE P.O. BOX 1402 PARAMOUNT, CA 90723 US			SOLD TO: AM CASTLE & CO- SOLD TO 1420 KENSINGTON RD SUITE 220 OAK BROOK, IL 60523 US		

MHU 2042070: LOT 191863B0: 6 pieces
MHU 2051167: LOT 191839B0: 12 pieces

Certified Specifications

AMS 4045/RevL AMS-QQ-A-250/12/RevA ASTM B 209/Rev14 CMMP 025/RevV

Test Code: 1512

Test Results:

DAS

LOT: 191839B0 CAST: 280 DROP: 35 INGOT: 5

14

9-89

17/02/24

Melted in USA

(ASTM E8/B557)

(EN 2002-1)

Tensile: Temper

T651

Dir/#Tests

LT / 02 (Min:Max)

Ultimate KSI (MPA)

85.6 : 86.0

(590 : 593)

Yield KSI (MPA)

75.8 : 75.8

(523 : 523)

Elongation %

11.7 : 12.0

(ASTM E1251)

Chemistry:

Actual SI FE CU MN MG CR ZN TI V ZR OTHER

LOT: 191863B0 CAST: 280 DROP: 02 INGOT: 4

Melted in USA

(ASTM E8/B557)

(EN 2002-1)

Tensile: Temper

T651

Dir/#Tests

LT / 02 (Min:Max)

Ultimate KSI (MPA)

86.8 : 86.9

(598 : 599)

Yield KSI (MPA)

77.4 : 77.6

(534 : 535)

Elongation %

11.5 : 11.8

(ASTM E1251)

Chemistry:

Actual SI FE CU MN MG CR ZN TI V ZR OTHER

0.07 0.16 1.4 0.02 2.5 0.21 6.0 0.02 0.01 0.01 TOT 0.06



Plant Serial: 4436448

Kaiser Order Number: 1221537

Line Item: 1

KAISER ALUMINUM FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

Kaiser Aluminum
Trentwood Works
Spokane, WA 99215-5108
(800) 367-2586

Chemistry:		SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
7075	MIN	0.00	0.00	1.2	0.00	2.1	0.18	5.1	0.00	0.00	0.00	MAX 0.05
	MAX	0.40	0.50	2.0	0.30	2.9	0.28	6.1	0.20	0.05	0.05	TOT 0.15

Aluminum Remainder

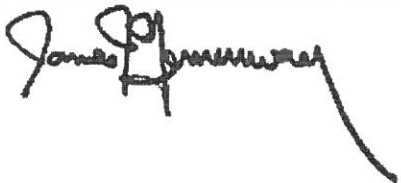
Miscellaneous Notes

AMC CA-15409 R 3

CERTIFICATION

Kaiser Aluminum, Trentwood Works, is ISO 9001, AS9100, and ISO 14001 certified, and hereby certifies that all material shipped under this order: * has been inspected, tested, and found to be in conformance with the requirements of the specifications indicated herein. All test equipment and measuring devices are calibrated and certified in accordance applicable specifications. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements. Reported elongation values have been measured as elongation at fracture. * was melted in the United States of America or a qualifying country per DFARS 225.872-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 252.225 for domestic content. * has been thermally processed in compliance with AMS 2772, where applicable. * is mercury free, within the limits of detection of ASTM E1215 (<1ppm). * is in compliance with RoHS 2, European Union Directive 2011/65/EU. * is in compliance with European Chemical Agency, ECHA, REACH regulations, (EC) No 1907/2006, and Kaiser regularly monitors these regulations for updates. * is free of Conflict Minerals, as defined in Section 15.2 of the Dodd-Frank Act. * is free of weld repair. * meets the reporting requirements of EN10204, Type 3.1. Any warranty is limited to that shown on Kaiser Aluminum's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of the Kaiser Aluminum laboratory. The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law.

JAMES HEMENWAY, LABORATORIES SUPERVISOR



Plant Serial: 4436448

Kaiser Order Number: 1221537

Line Item: 1

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M7075TL6.00X.250

PO / BATCH NO: 35032/136839

DATE: 17/02/24

MATERIAL CERT REC'D: yes

THICKNESS ORDERED: .250

QUANTITY RECEIVED: 14

THICKNESS RECEIVED: .250

QUANTITY INSPECTED: 14

SHEET SIZE ORDERED: _____

QUANTITY REJECTED: _____

SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/>	N	
CORROSION	Y	<input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	N	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	N	<u>7075TL6</u>
CORRECT THICKNESS	<input checked="" type="checkbox"/>	N	<u>.250</u>
PHOTO REQUIRED	Y	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	N	<u>AMS-DD-A-250/12</u>
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	N	<u>HEAT # 191839B6</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	N	<u>M7075TL6.00X.250</u>
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/>	N	<u>M136839</u>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>DAS</u>	SIGNED OFF BY: _____		
DATE: <u>17/02/24</u>	DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PC35032**

Purchase Order Date 1/19/2017

PO Print Date 1/19/2017

Page Number 1 of 3

Order From :

VU-MET002

METAUX CASTLE
P.O. BOX 4090 STN A
TORONTO, ONTARIO M5W OE9
CANADA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED
1/19/2017

JAN 19 2017

Contact Name

Vendor Phone

Ship To Contact

Ship To Phone

Ship Via:

Yours ppd

Ship Acct:

Buyer

Customer POID

Customer Tax #

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

USD

Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
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1	M304B0.500X2.500	304 BAR .500 x 2.50	2/2/2017 Yes 2/2/2017		12.00 f	\$17.75	\$213.00
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MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS
AS PER ASTM A276 OR ASTM A240

NOTE: AISI 303 NOT ACCEPTABLE

JAN 30 2017
SUBS
9-89

Line Total:

\$213.00

2	M7075T6B3.000x04.000	7075-T6 BAR 3.000' X 4.000" grain along 3"	2/8/2017 Yes 2/8/2017		12.00 f	\$82.75	\$993.00
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MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

NOTE: CUT IN SECTION OF 4 FT

B/O

SP17-02-10
SP17-02-10

Line Total:

\$993.00

Note:

1/19/2017



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PC35032**

Purchase Order Date 1/19/2017

PO Print Date 1/19/2017

Page Number 2 of 3

Order From :
METAUX CASTLE
P.O. BOX 4090 STN A
TORONTO, ONTARIO M5W OE9
CANADA

VU-MET002

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone

Buyer Chantal Lavoie
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency USD
FOB Destination-Collect

Ship To Contact

Ship To Phone

Ship Via: Yours ppd

Ship Acct:

3	M7075T6B6.000X0.250	7075-T6 BAR 6.000" X 0.250"	2/8/2017	12.00	\$14.50	\$174.00
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Yes
2/8/2017

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

SP17-02-14

Line Total: \$174.00

4	M7075T73B3.000X4.000	7075-T73 Bar 3.0 x 4.0 grain direction along 3"	2/8/2017	4.00	\$101.00	\$404.00
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Yes
2/8/2017

MATERIAL: 7075-T73/T7351/T73510/T73511 BAR AS PER AMS-QQ-A-200/11 OR AMS-QQ-A-225/9 OR AMS 4124 OR AMS-QQ-A-250/12 OR AMS 4078

NOTE: GRAIN DIRECTION MUST RUN ALONG 3" WIDE

SP17-02-10

Line Total: \$404.00

Note:

1/19/2017



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO15032**

Purchase Order Date 1/19/2017

PO Print Date 1/19/2017

Page Number 3 of 3

Order From :

VU-MET002

METAUX CASTLE
P.O. BOX 4090 STN A
TORONTO, ONTARIO M5W OE9
CANADA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

Ship To Contact

Ship To Phone

Ship Via: Yours ppd

Ship Acct:

Buyer

Customer POID

Customer Tax #

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

USD

Destination Collect

5 71401-45

PROCUREMENT
QUALITY CLAUSES

2/8/2017

1.00

\$0.00

\$0.00

No

2/8/2017

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

2017 02-10

Line Total:

\$0.00

PO Total:

\$1,784.00

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 2

Change Date: 1/19/2017